

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER <i>(ER 1130-2-306)</i>						PAGE 1 OF 1		
TO: The Record						FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090		
RIVER/HARBOR NAME AND STATE: Bay Ridge and Red Hook Channels, New York						MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL Bay Ridge and Red Hook	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Reach A: Bay Ridge Channel Begins at junction with Anchorage Channel and Bay Ridge Channel (at Red Gas #2); Ends 2,165 Ft. North of Green #3.	Map 130 Pg 1 of 4 29 Nov & 2 Dec 2004 & 26-31 Jan, 1 Feb 2005	1,200	0.87	40	41.7	40.7	40.5	35.2
Reach B: Bay Ridge Channel Begins 2,165 Ft. North of Green #3; Ends at Green #9.	Map 130 Pg 1-3 of 4 29 Nov & 2 Dec 2004 & 26-31 Jan, 1 Feb 2005	1,200– 1,750	1.74	40	22.1	29.8	34.1	25.5
Reach C: Bay Ridge Channel Begins at Green #9; Ends at Gowanus Creek in the line of 28th St.	Map 130 Pg 3 of 4 29 Nov & 2 Dec 2004 & 26-31 Jan, 1 Feb 2005	1,970- 480	0.50	40	25.6	29.1	29.4	25.9
Reach D: Red Hook Channel Begins at Green #9; Ends 2,235 Ft. North of Green #11 at junction with Buttermilk Channel.	Map 130 Pg 3-4 of 4 29 Nov & 2 Dec 2004 & 26-31 Jan, 1 Feb 2005	1,200	0.87	40	23.5	35.7	37.9	27.9

REMARKS:

- All depths in MLW
- Channel length is in nautical miles.
- Reach A:** There is approximately 100 Ft. wide continuous shoaling on the east edge of the right outside quarter of the channel.
- Reach B:** Shoaling exists across the entire width of the channel in the majority of Reach B.
- Reach C:** Shoaling exists in virtually all of Reach C.
- Reach D:** There is continuous massive shoaling in the entire left outside quarter of the channel, as well as in the right half of the right outside quarter of the channel. Smaller shoals exist across the entire channel width.